

			<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 495 Summer Street Suite 627 Boston, MA 02210-2109																													
					3b. CFDA: 12.300																													
1. INSTRUMENT TYPE: Grant			3c. DUNS NUMBER:																															
2. AUTHORITY: 10 USC 2358, 31 USC 6304			7. PR NO.: 09PR08835-01																															
4. AWARD NO.: N00014-04-1-0591			5. MODIFICATION NO.: A00002		6. MODIFICATION TYPE: Admin Mod																													
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A			9. RECIPIENT PROPOSAL NO.: N/A		10. PROPOSAL DATE: Undated																													
11. ACTIVITY TYPE:			12. PROGRAM TYPE: onr																															
13. ISSUED TO 13a. ADDRESS:		13b. CAGE: 82368		13c. EDI/EFT NUMBER: 9104AU		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13																												
THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE OFFICE OF SPONSORED RESEARCH HOLYOKE CTR RM 451 1350 MASS AVE CAMBRIDGE, MA 02138-3846																																		
13d. BUSINESS OFFICE CONTACT: ROBERT P. BLOOMBERG																																		
13e. TELEPHONE NUMBER: (617) 4955501		13f. EMAIL ADDRESS: bob_bloomberg@harvard.edu																																
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Assembly of Ultra-Dense Nanowire-Based Computing Systems																																		
<table border="1" style="width: 100%;"> <thead> <tr> <th>16. FUNDING</th> <th>ACTIVITY/AGENCY SHARE</th> <th>RECIPIENT SHARE</th> <th>TOTAL</th> <th>17. CURRENT FUNDING PERIOD</th> </tr> </thead> <tbody> <tr> <td>PREVIOUSLY OBLIGATED:</td> <td>\$2,263,715.05</td> <td>\$.00</td> <td>\$2,263,715.05</td> <td>N/A THROUGH</td> </tr> <tr> <td>OBLIGATED BY THIS ACTION:</td> <td>\$.00</td> <td>\$.00</td> <td>\$.00</td> <td>N/A</td> </tr> <tr> <td>TOTAL OBLIGATED ON AWARD:</td> <td>\$2,263,715.05</td> <td>\$.00</td> <td>\$2,263,715.05</td> <td rowspan="3">18. PERIOD OF PERFORMANCE 01-MAY-04 THROUGH 14-APR-08</td> </tr> <tr> <td>FUTURE FUNDING:</td> <td>\$.00</td> <td>\$.00</td> <td>\$.00</td> </tr> <tr> <td>GRANT TOTAL:</td> <td>\$2,263,715.05</td> <td>\$.00</td> <td>\$2,263,715.05</td> </tr> </tbody> </table>							16. FUNDING	ACTIVITY/AGENCY SHARE	RECIPIENT SHARE	TOTAL	17. CURRENT FUNDING PERIOD	PREVIOUSLY OBLIGATED:	\$2,263,715.05	\$.00	\$2,263,715.05	N/A THROUGH	OBLIGATED BY THIS ACTION:	\$.00	\$.00	\$.00	N/A	TOTAL OBLIGATED ON AWARD:	\$2,263,715.05	\$.00	\$2,263,715.05	18. PERIOD OF PERFORMANCE 01-MAY-04 THROUGH 14-APR-08	FUTURE FUNDING:	\$.00	\$.00	\$.00	GRANT TOTAL:	\$2,263,715.05	\$.00	\$2,263,715.05
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19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)																																		
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: CHARLES M. LIEBER			21. TECHNICAL REPRESENTATIVE 21a. NAME: Parbury P. Schmidt		21b. CODE: ONR 332																													
			21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995																															
20b. TELEPHONE NUMBER: (617) 4963169		20c. EMAIL ADDRESS: cml@cmliris.harvard.edu		21d. TELEPHONE NUMBER: (703) 696-4362		21e. EMAIL ADDRESS: SCHMIDP@ONR.NAVY.MIL																												
22. AWARDOFFICE CONTACT 22a. NAME: Diane Gales		22b. CODE: ONR BD252		23a. ADMINISTRATIVE OFFICE: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605		23b. CODE: N62879																												
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995																																		
22d. TELEPHONE NUMBER: (703) 696-2593		22e. EMAIL ADDRESS: GALES@ONR.NAVY.MIL																																
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995																												
						26b. CODE: N00014																												

AWARD NO. N00014-04-1-0591		AWARD/MODIFICATION		MODIFICATION NO. A00002	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/02/024/offices.asp					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.					
DOCUMENT		URL			
UAAC Acceptance C November 2003		http://www.onr.navy.mil/02/terms.htm			
UAWA Award A November 2003		http://www.onr.navy.mil/02/terms.htm			
UBB1 FDP IV APR 2005		http://www.onr.navy.mil/02/terms.htm			
UVV1 ONR FDP Specific OCT 2002		http://www.onr.navy.mil/02/terms.htm			
30. OPTIONS	OPTION NO.	AMOUNT		PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21 (Frequency)		Final Technical Report with SF298 Performance/Technical Report (Quarterly) with SF298			1 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report - Transmittal Letter only Performance/Technical Report (Quarterly) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 1 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Performance/Technical Report (Quarterly) with SF298			1 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Performance/Technical Report (Quarterly) with SF298			1 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDING OFFICER (b)(6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Linda Rowe	
				33c. DATE SIGNED 30-JUN-09	

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-04-1-0591			2. SPIIN (CRITICAL)		3. MOD (CRITICAL) A00002			4. PR NUMBER 09PR08835-01									
CLIN/SLIN	6. LINE OF ACCOUNTING												7. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN		
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE						
											PROJ UNIT	MCC				PDLI & SUF	
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												PAGE TOTAL	\$. 00				
												GRAND TOTAL	\$. 00				
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:											
DATE:						FOR FISCAL DATA AND SIGNATURE											
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED											
						DATE:											

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-04-1-0591		2. SPIIN (CRITICAL)		3. MOD (CRITICAL) A00002		4. PR NUMBER 09PR08835-01			
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION				8. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
		This page is intentionally blank							
PAGE TOTAL						\$. 00			
GRAND TOTAL						\$. 00			
PREPARED/AUTHORIZED BY:					COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:				
DATE:									

AWARD NO. N00014-04-1-0591	SPECIAL REQUIREMENTS	MODIFICATION NO. A00002	
<p>This modification is to delete the future funding line that was mistakenly added to P00003. There is no future funding on this award.</p>			